# Design Pattern: Strategy Pattern

2019.02.10.

## Interface

## Delegate

```
package StrategyPattern;
       public class A0bj {
           Ainterface ainterface;
           //Ainterface할당 for Maintest
           public AObj(){
               ainterface = new AinterfaceIMPLE();
11
           public void funcAA() {
12
               //훨씬 더 복잡한 기능이겠지만
               ainterface.funcA();
13
               ainterface.funcA();
14
               //~기능이 필요합니다. 개발해주세요.
15
16
17
18
```

```
public class AObj {

Ainterface ainterface;

private void funcAA() {

//훨씬 더 복잡한 기능이겠지만

ainterface.funcA();

ainterface.funcA();

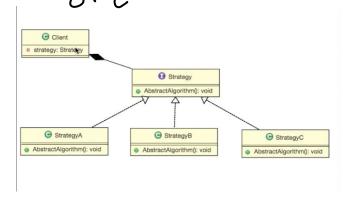
//~기능이 필요합니다. 개발해주세요.

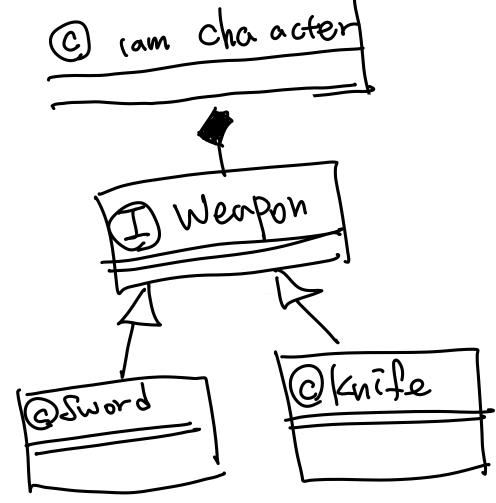
}

}
```

# Strategy Pattern

一时时。红色岩 好好的风景





### Strategy Pattern

```
package StrategyPattern;
                                                               public class Sword implements Weapon {
                                                                   @Override
                                                                   public void attack(){
                                                                       System.out.println("검 공격");
                                                              package StrategyPattern;
package StrategyPattern;
                                                              public class Knife implements Weapon{
                                                                  @Override
public interface Weapon {
                                                                  public void attack(){
    public void attack();
                                                                      System.out.println("칼 공격");
                                                               package StrategyPattern;
                                                               public class Ax implements Weapon {
                                                                   @Override
                                                                   public void attack(){
                                                                      System.out.println("도끼 공격");
```

#### Strategy Pattern

## 一步时间车时时至和时中的时代!

```
package StrategyPattern;
       public class GameCharacter {
           //접근점-추상적인 접근점을 만든다.
           private Weapon weapon;
           //교환가능하도록 만든다
           public void setWeapon(Weapon weapon){
               this.weapon = weapon;
10
11
12
           //왜 만드는가? 기능을 사용하고자 만든다.
13
           public void attack(){
               if(weapon == null){
15
                   System.out.println("맨손공격");
16
17
               }else{
                   //델리게이트
18
                   weapon.attack();
19
20
21
22
23
```

```
package StrategyPattern;
        public class Main {
 3
            public static void main(String[]args){
 4
            GameCharacter character = new GameCharacter();
            character.attack();
 8
 9
            character.setWeapon(new Knife());
10
            character.attack();
11
12
            character.setWeapon(new Sword());
13
            character.attack();
14
15
            //무기 추가하는데 굉장히 효율적이다.
16
            //알고리즘이 추가되어도 유지보수가 어렵지 않다.
17
            character.setWeapon(new Ax());
18
            character.attack();
19
20
21
22
23
```